TOTOOT "ESSTA6SO

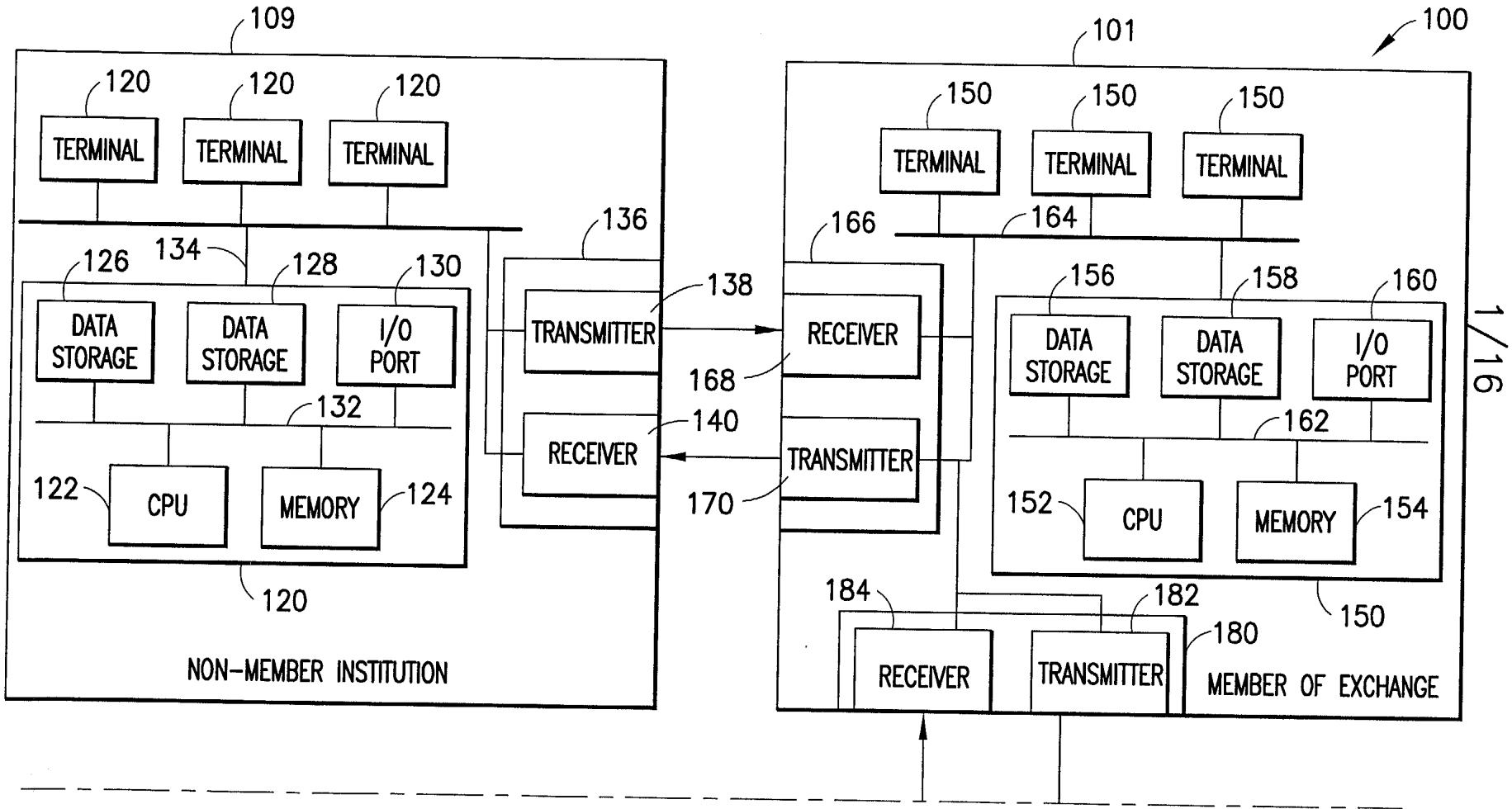

FIG.1A

FIG.1B

FIG.1

FIG.1A

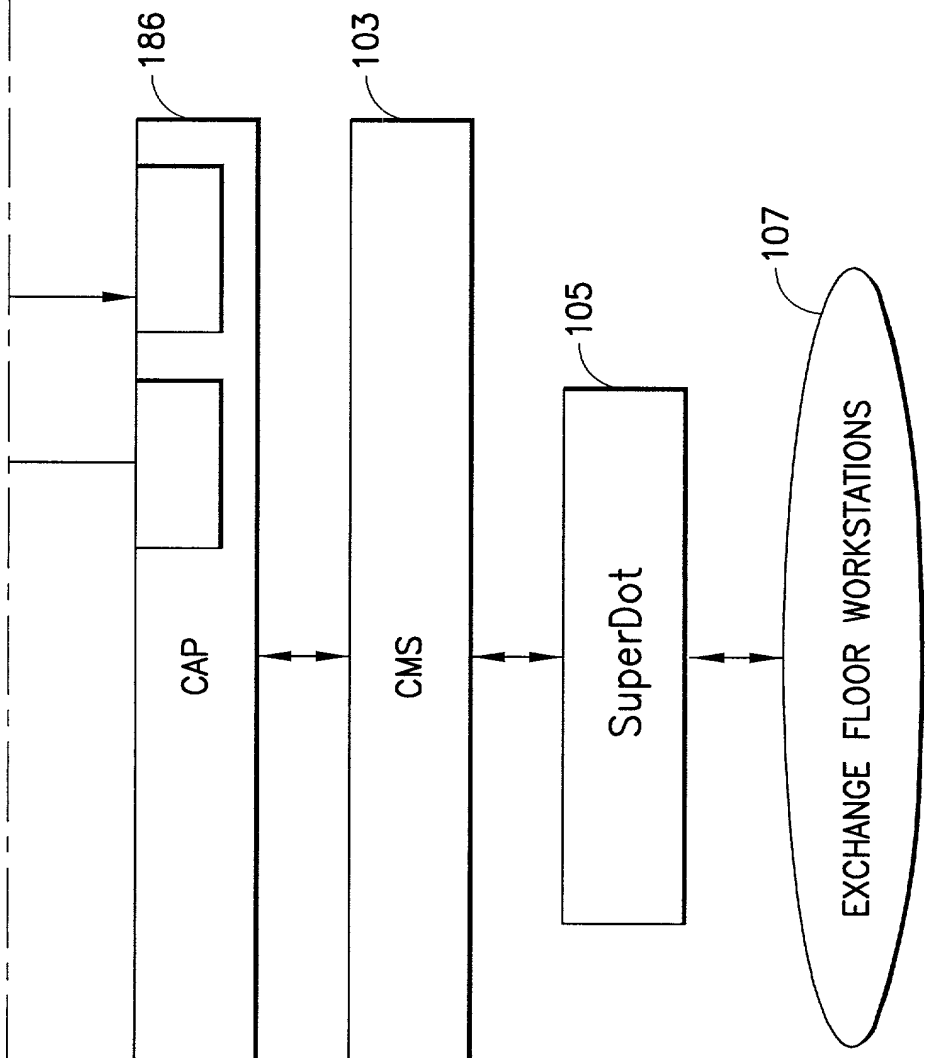
186
103
105
107
CAP
CMS
SuperDot
EXCHANGE FLOOR WORKSTATIONS

FIG.1B

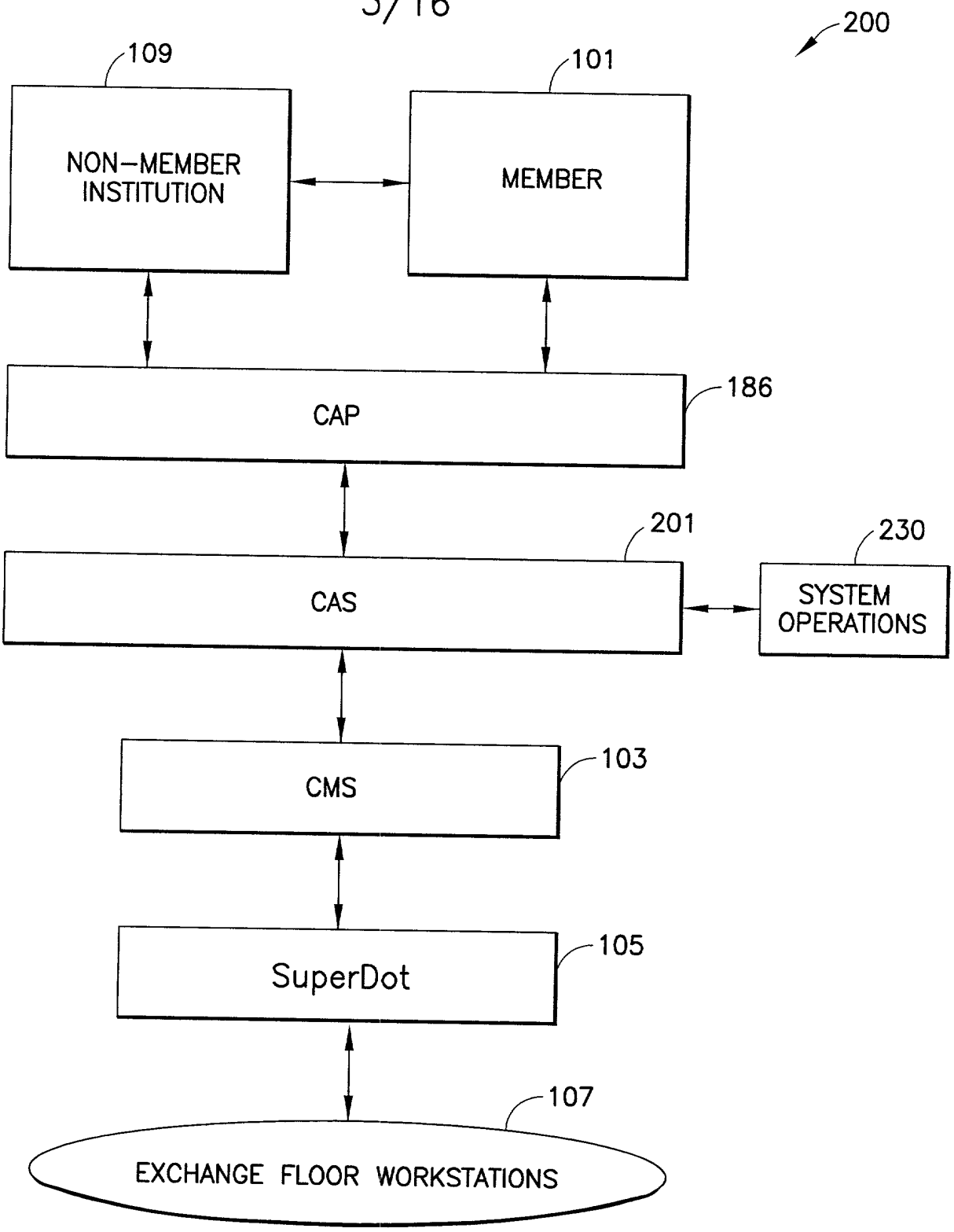
200
109
101
NON–MEMBER INSTITUTION
MEMBER
CAP
186
201
230
CAS
SYSTEM OPERATIONS
CMS
103
SuperDot
105
107
EXCHANGE FLOOR WORKSTATIONS

FIG.2

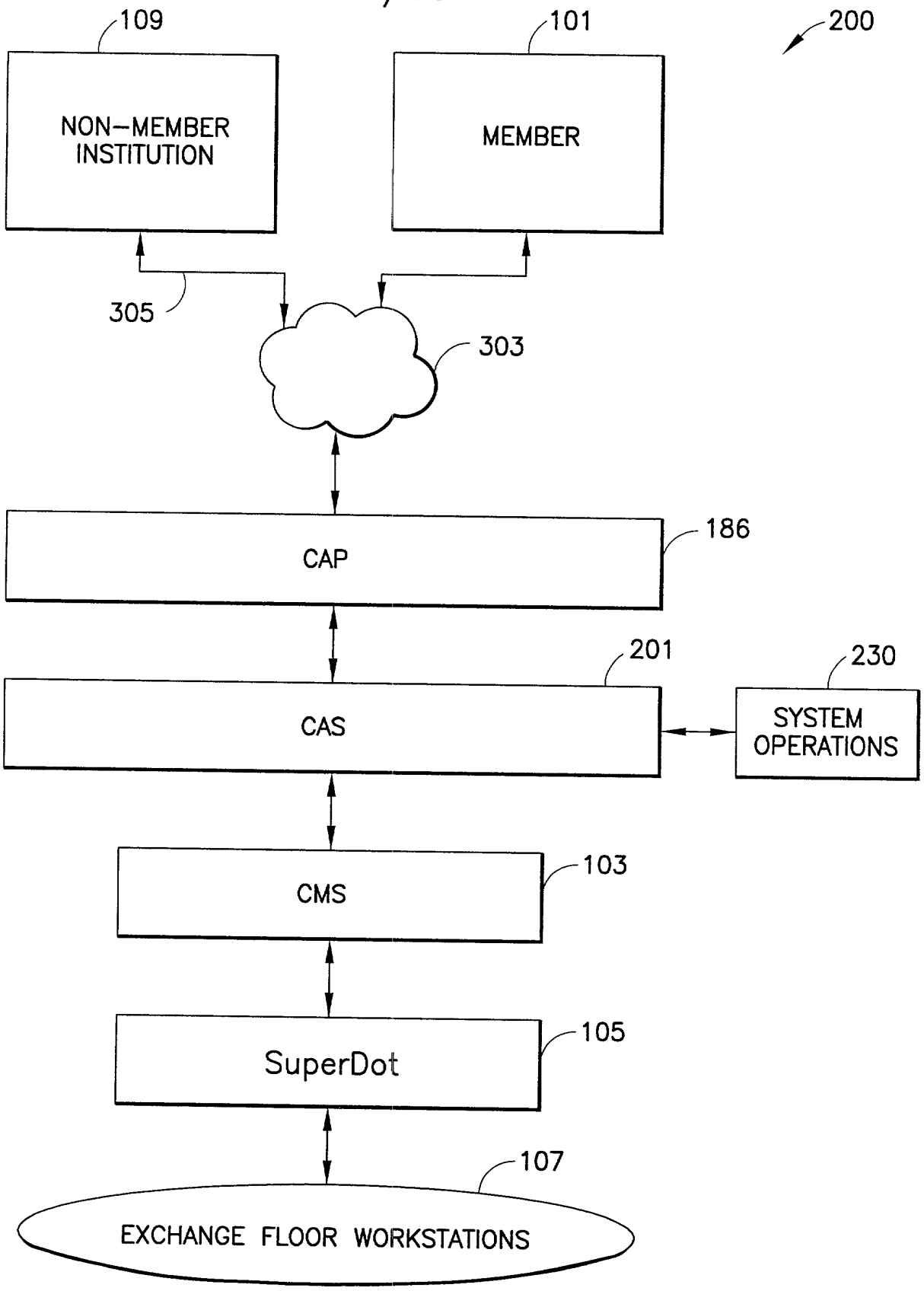
109
101
200
NON-MEMBER INSTITUTION
MEMBER
305
303
CAP
186
201
230
CAS
SYSTEM OPERATIONS
CMS
103
SuperDot
105
107
EXCHANGE FLOOR WORKSTATIONS

FIG.3

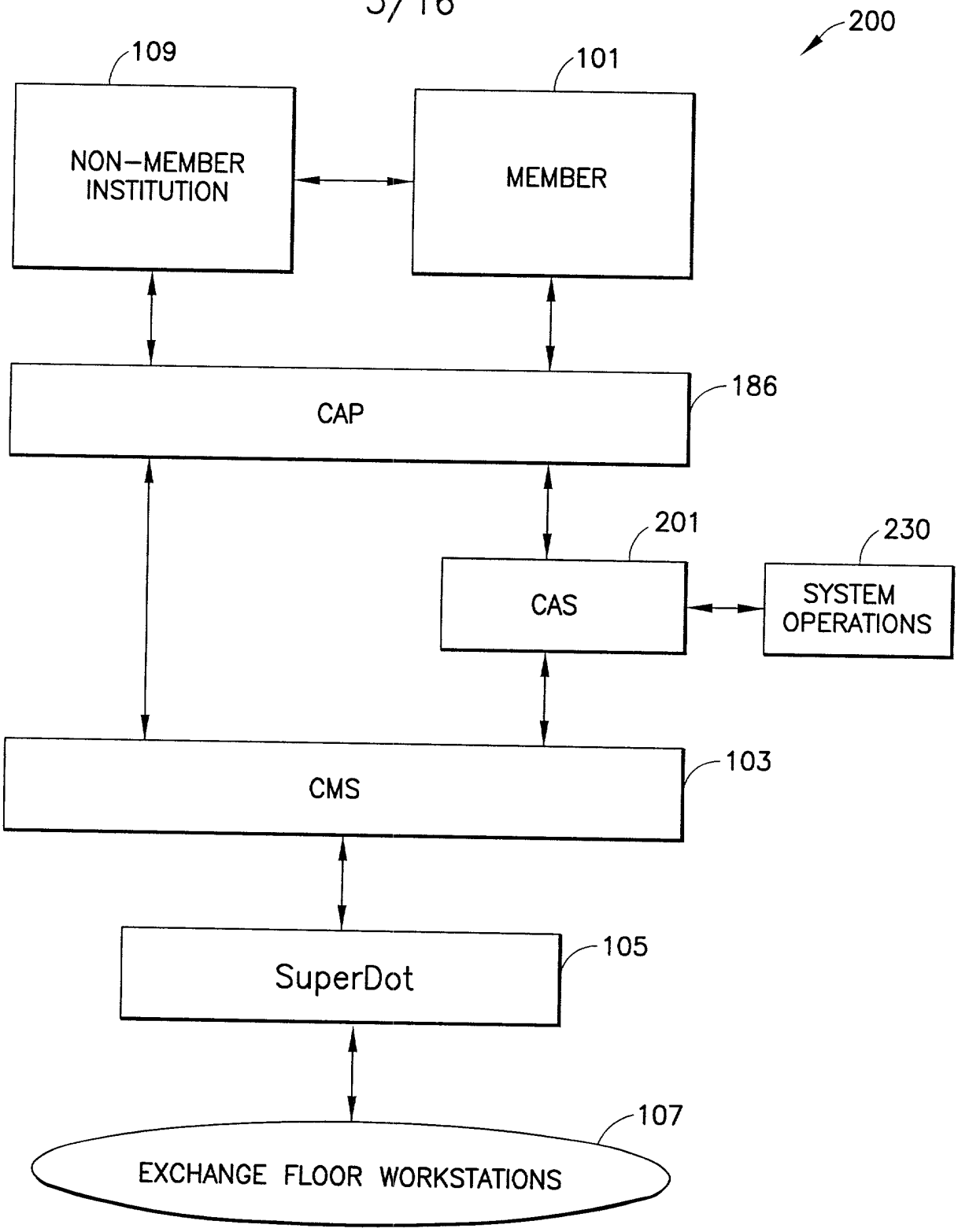
200
109
101
NON–MEMBER INSTITUTION
MEMBER
CAP
186
201
230
CAS
SYSTEM OPERATIONS
CMS
103
SuperDot
105
107
EXCHANGE FLOOR WORKSTATIONS

FIG.4A

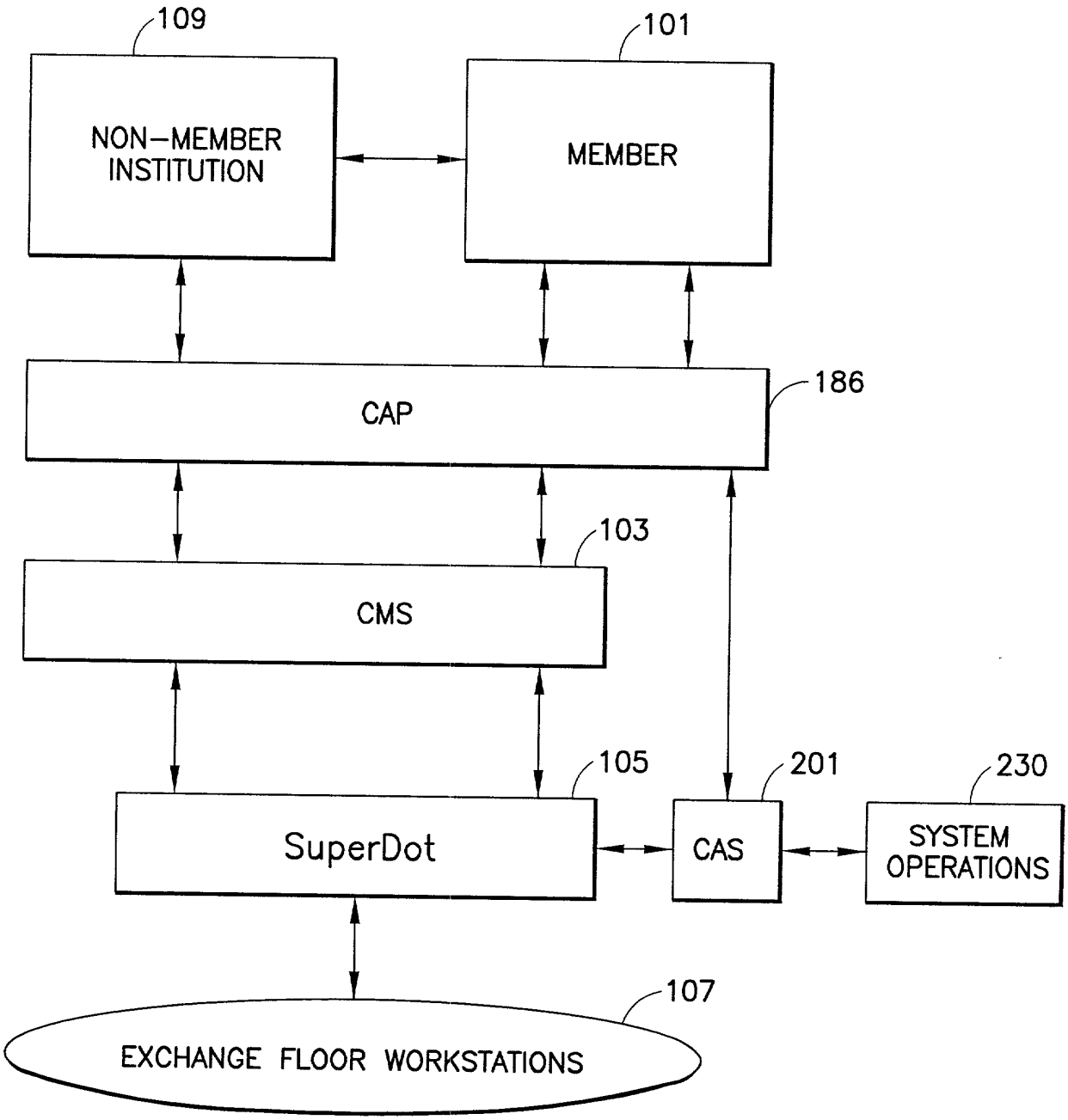
109
101
NON–MEMBER INSTITUTION
MEMBER
CAP
186
103
CMS
105
201
230
SuperDot
CAS
SYSTEM OPERATIONS
107
EXCHANGE FLOOR WORKSTATIONS

FIG.4B

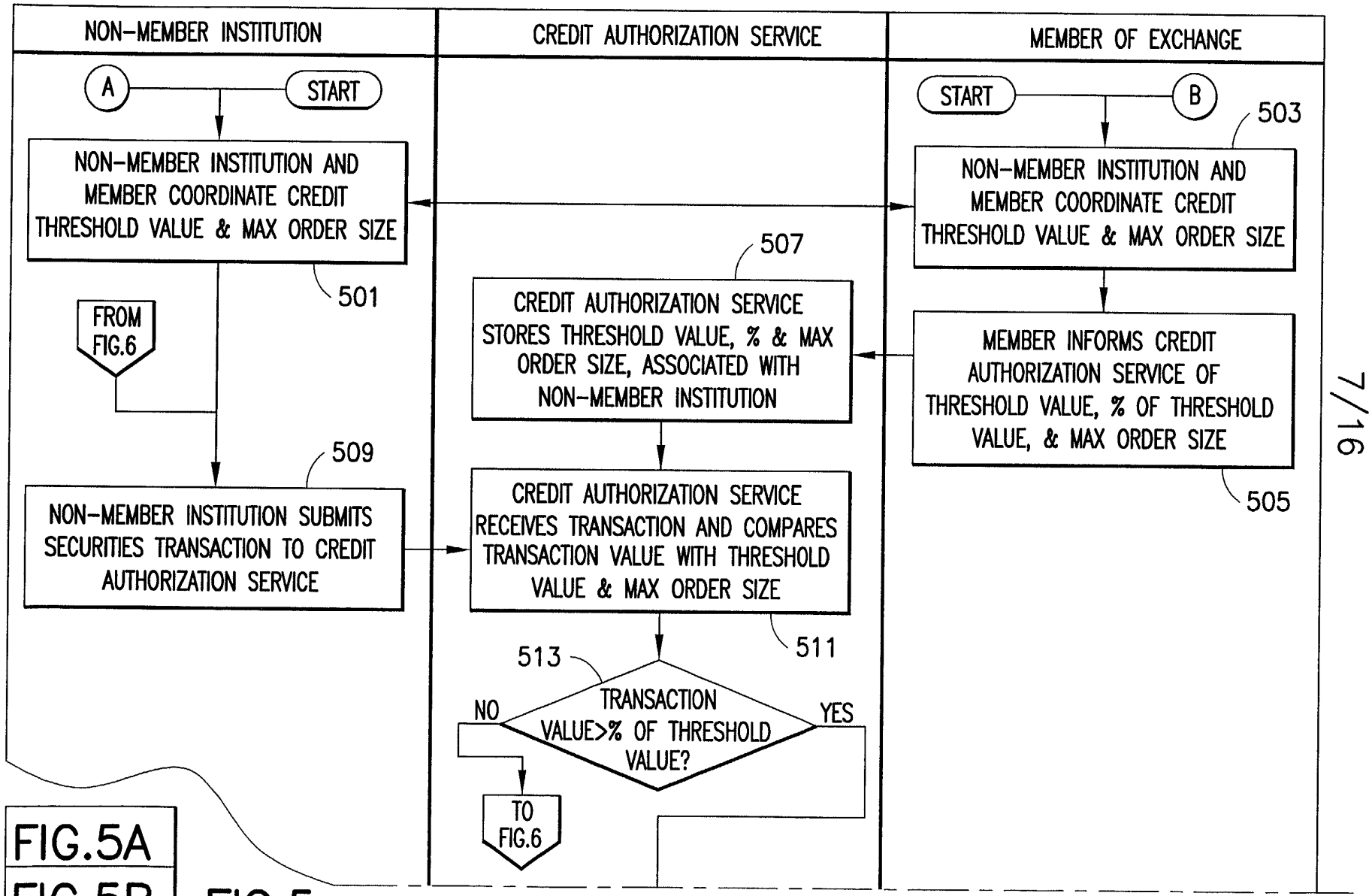

FIG.5A
FIG.5B

FIG.5

FIG.5A

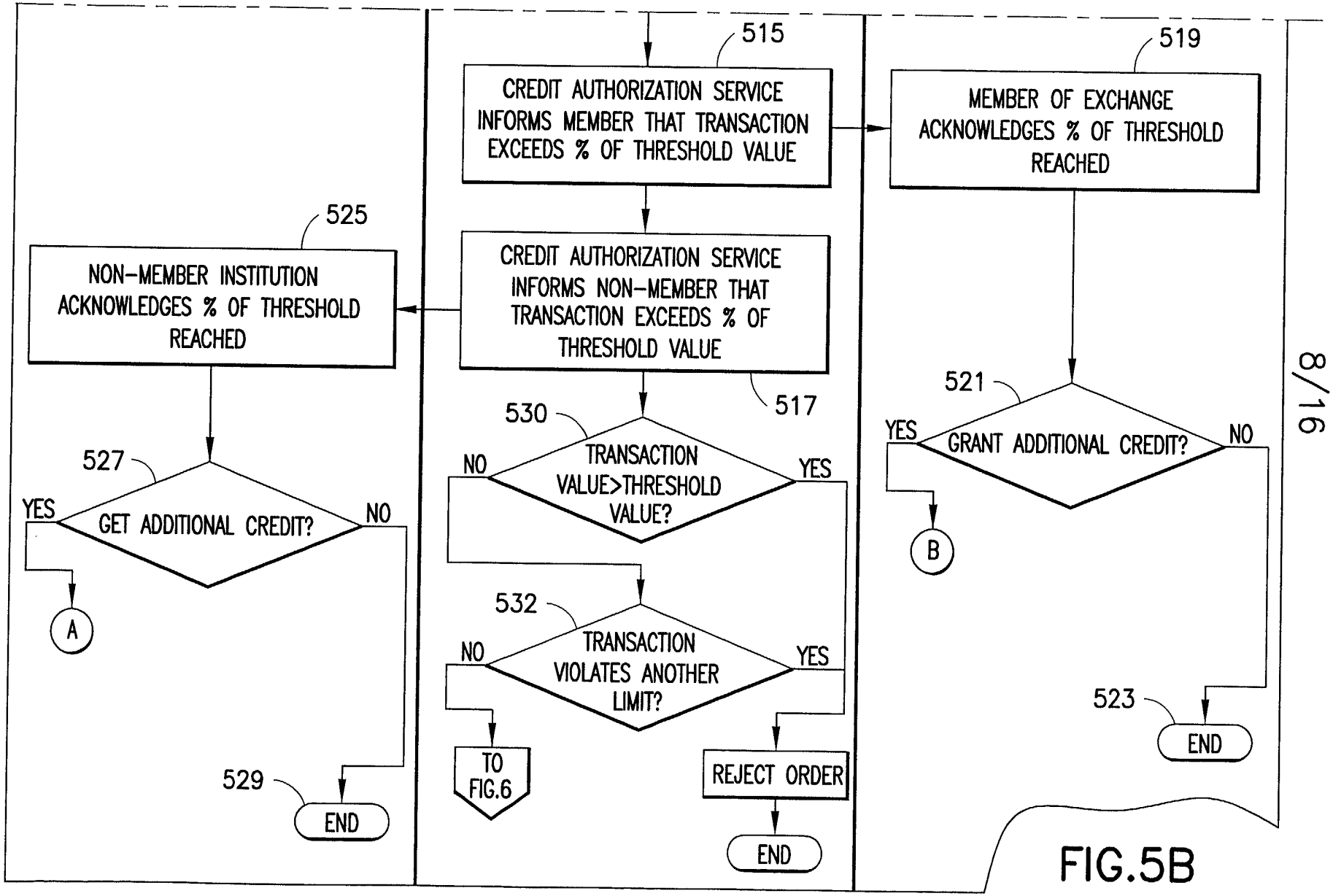
515
CREDIT AUTHORIZATION SERVICE INFORMS MEMBER THAT TRANSACTION EXCEEDS % OF THRESHOLD VALUE
519
MEMBER OF EXCHANGE ACKNOWLEDGES % OF THRESHOLD REACHED
525
NON-MEMBER INSTITUTION ACKNOWLEDGES % OF THRESHOLD REACHED
CREDIT AUTHORIZATION SERVICE INFORMS NON-MEMBER THAT TRANSACTION EXCEEDS % OF THRESHOLD VALUE
517
521
YES
GRANT ADDITIONAL CREDIT?
NO
B
527
YES
GET ADDITIONAL CREDIT?
NO
A
530
NO
TRANSACTION VALUE>THRESHOLD VALUE?
YES
532
NO
TRANSACTION VIOLATES ANOTHER LIMIT?
YES
TO FIG.6
REJECT ORDER
END
523
END
529
END

FIG.5B

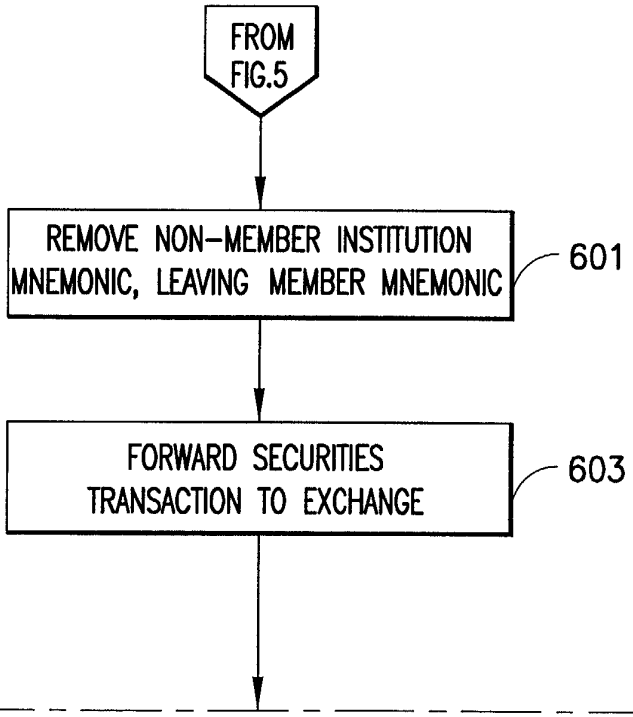

FIG.6A

FIG.6A
FIG.6B

FIG.6

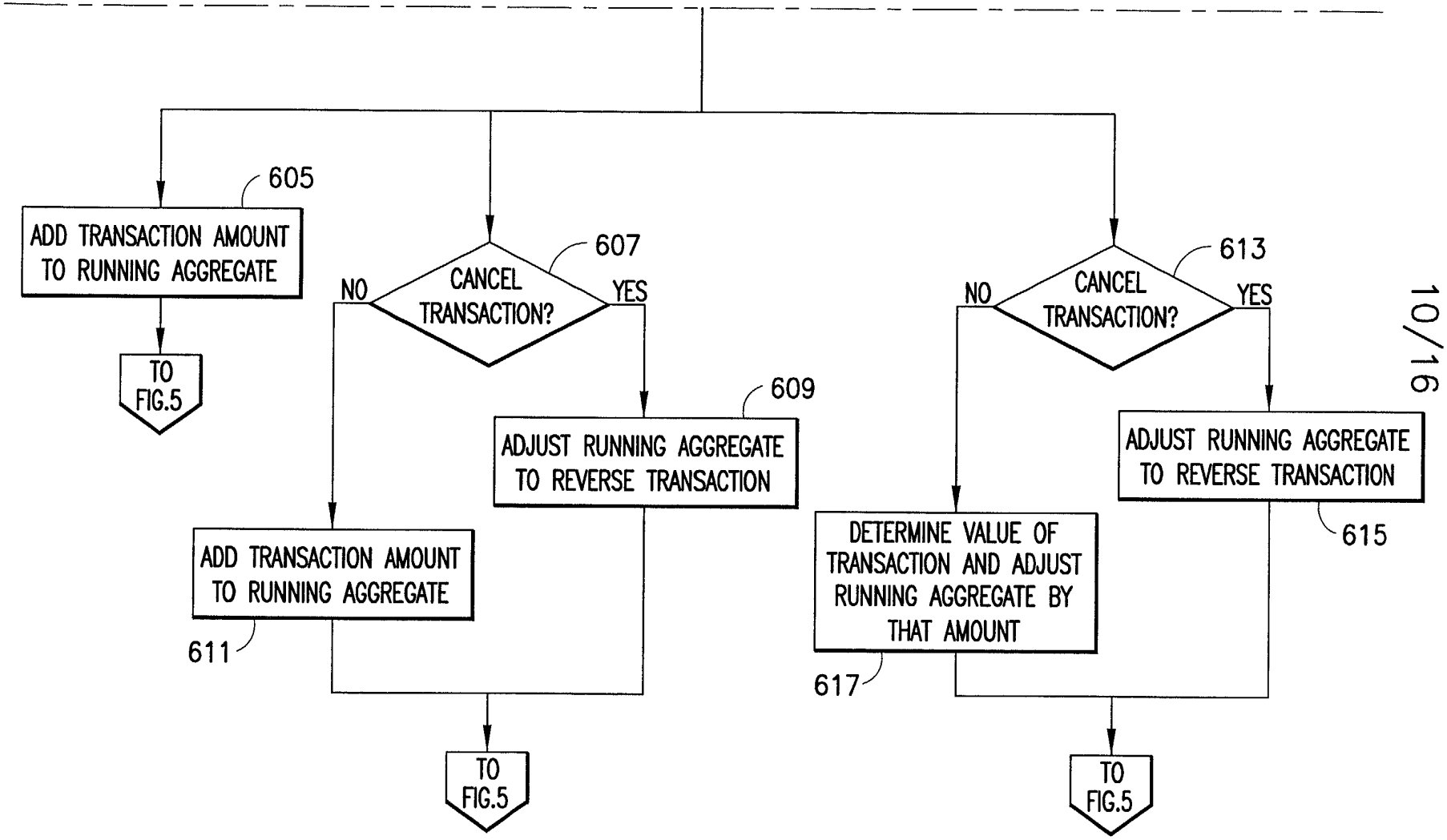
605
ADD TRANSACTION AMOUNT TO RUNNING AGGREGATE
TO FIG.5
607
CANCEL TRANSACTION?
NO
YES
609
ADJUST RUNNING AGGREGATE TO REVERSE TRANSACTION
ADD TRANSACTION AMOUNT TO RUNNING AGGREGATE
611
TO FIG.5
613
CANCEL TRANSACTION?
NO
YES
ADJUST RUNNING AGGREGATE TO REVERSE TRANSACTION
615
DETERMINE VALUE OF TRANSACTION AND ADJUST RUNNING AGGREGATE BY THAT AMOUNT
617
TO FIG.5

FIG.6B

	701 NON-MEMBER INSTITUTION	703 NON-MEMBER MNEMONIC	705 SPONSORING EXCHANGE MEMBER	707 EXCHANGE MEMBER MNEMONIC	709 THRESHOLD VALUE	711 % ALERT	713 MAX ORDER SIZE
715	instA	INA	member1	MEM1	1000	75%	250
	instB	INB	member1	MEM1	300	80%	400
	instC	INC	member1	MEM1	1500	100%	300
	privA	PRIVA	member1	MEM1	5000	95%	100
715	instA	INA	member2	MEM2	4300	100%	2000
	instD	IND	member2	MEM2	5800	100%	9999
	privB	PRIVB	member2	MEM2	1000	50%	60
	instE	INE	member3	MEM3	1000	65%	200

FIG.7

LIMIT ORDER RECONCILED ACCORDING TO ABSOLUTE VALUE OF TRANSACTION PRICE			
TRADING DAY	206		
NON-MEMBER INSTITUTION	instB		
NON-MEMBER MNEMONIC	INB		
SPONSORING EXCHANGE MEMBER	member1		
EXCHANGE MEMBER MNEMONIC	MEM1		
THRESHOLD VALUE	300		
PERCENTAGE ALERT	80.00%		
ALERT VALUE	240		
BEGINNING AGGREGATE	185		
TRANSACTION(s)	ACTUAL	APPLIED	
BUY	20	20	205
SELL	-10	10	215
BUY	5	5	220
BUY	6	6	226
BUY	6	6	232
SELL	-5	5	237
SELL	-4	4	241
CANCEL SELL	4	4	245
BUY	3	3	248
SELL	-2	2	250
SELL	-1	1	251
SELL	-10	10	261
BUY	2	2	263
BUY	1	1	264
NETTED TOTAL	15		
APPLIED TOTAL		79	

800 801 803 805 807 809 811 813 819 821 817 815 823 825

FIG.8

LIMIT ORDER RECONCILED ACCORDING TO ABSOLUTE VALUE OF LIMIT PRICE, WITH CANCEL REVERSE			
TRADING DAY	206		
NON-MEMBER INSTITUTION	instB		
NON-MEMBER MNEMONIC	INB		
SPONSORING EXCHANGE MEMBER	member1		
EXCHANGE MEMBER MNEMONIC	MEM1		
THRESHOLD VALUE	300		
PERCENTAGE ALERT	80.00%		
ALERT VALUE	240		
BEGINNING AGGREGATE	185		
TRANSACTION(s)	ACTUAL	APPLIED	
BUY	20	20	205
SELL	-10	10	215
BUY	5	5	220
BUY	6	6	226
BUY	6	6	232
SELL	-5	5	237
SELL	-4	4	241
CANCEL SELL	4	-4	237
BUY	3	3	240
SELL	-2	2	242
SELL	-1	1	243
SELL	-10	10	253
BUY	2	2	255
BUY	1	1	256
NETTED TOTAL	15		
APPLIED TOTAL		71	

902

FIG.9

MARKET ORDERS RECONCILED ACCORDING TO EXECUTION PRICE			
TRADING DAY	206		
NON-MEMBER INSTITUTION	instB		
NON-MEMBER MNEMONIC	INB		
SPONSORING EXCHANGE MEMBER	member1		
EXCHANGE MEMBER MNEMONIC	MEM1		
THRESHOLD VALUE	300		
PERCENTAGE ALERT	80.00%		
ALERT VALUE	240		
BEGINNING AGGREGATE	185		
TRANSACTION(s)	ACTUAL	APPLIED	
BUY	20	20	205
SELL	-10	-10	195
BUY	5	5	200
BUY	6	6	206
BUY	6	6	212
SELL	-5	-5	207
SELL	-4	-4	203
CANCEL SELL	4	4	207
BUY	3	3	210
SELL	-2	-2	208
SELL	-1	-1	207
SELL	-10	-10	197
BUY	2	2	199
BUY	1	1	200
NETTED TOTAL	15		
APPLIED TOTAL		15	

FIG.10

T+3 RECONCILE				
TRADING DAY	DAILY APPLIED	BEGINNING + DAILY APPLIED	RECONCILE T−3	AGGREGATE BEGINNING ON NEXT DAY
...				0
200	100	100	0	100
201	60	160	0	160
202	80	240	−100	140
203	50	190	−60	130
204	90	220	−80	140
205	95	235	−50	185
206	79	264	−90	174
207				

FIG. 11

T+1 RECONCILE				
TRADING DAY	DAILY APPLIED	BEGINNING + DAILY APPLIED	RECONCILE T−1	AGGREGATE BEGINNING ON NEXT DAY
...				0
200	100	100	−100	0
201	60	60	−60	0
202	80	80	−80	0
203	50	50	−50	0
204	90	90	−90	0
205	95	95	−95	0
206	79	79	−79	0
207				

FIG.12